

**Materials List for:**

# **Diagnostic Ultrasound Imaging of Mouse Diaphragm Function**

Li Zuo<sup>1,2</sup>, William J. Roberts<sup>1,2</sup>, Kevin D. Evans<sup>1</sup>

<sup>1</sup>Radiologic Sciences & Respiratory Therapy Division, School of Health and Rehabilitation Sciences, Davis Heart and Lung Research Institute, The Ohio State University College of Medicine

<sup>2</sup>Department of Biological Sciences, Oakland University

Correspondence to: Li Zuo at [zuo.4@osu.edu](mailto:zuo.4@osu.edu)

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## **Materials**

<b>Name</b>	<b>Company</b>	<b>Catalog Number</b>	<b>Comments</b>
Veterinary digital ultrasonic diagnostic imaging system	Edan	DUS 3 VET	Ultrasound parameters include: frequency of 6.5 MHz, Depth of 29 mm. Note: An equivalent ultrasound machine may be used for this protocol
Micro-convex array transducer	Edan	C611	Or equivalent
GE Logiq i hand-carried unit (HCU)	GE Healthcare	GE Logiq i hand-carried unit (HCU)	Or equivalent
GE 12 MHz linear array probe	GE Healthcare	12L-RS	Or equivalent
Veterinary anesthetic vaporizer	Webster Veterinary	Serial #: W422021	Isoflurane was exclusively used with this vaporizer (or equivalent). A custom made induction chamber for anesthesia was assembled for initial anesthesia. Maintenance anesthesia was performed using a nose cone
Isothesia (Isoflurane, USP)	Butler Schein	29405 250ML PVL	Or equivalent
Enviro-pure anesthesia absorbing canister	Surgivet Smiths Medical PM, Inc.	Part #: 32373B10	Or equivalent
Ultrasound transmission gel	HM Sonic	N/A	Or equivalent
Puralube vet ointment	Puralube	NDC 17033-211-38	Or equivalent
Deltaphase isothermal pad	Braintree Scientific Inc.	39DP	Or equivalent
Hair remover	Nair	N/A	Or equivalent
Electric razor	Remington	HC-5015	Or equivalent
Surgical tape	3M Micropore	1530-1	Or equivalent
Gauze sponges	Dynarex	3262	Or equivalent